

TRANSMITTAL LETTER TO THE UNITED  
STATES DESIGNATED/ELECTED OFFICE  
(DO/EO/US) CONCERNING A FILING  
UNDER 35 U.S.C. 371

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| Date of Mailing:<br>5 July 2005                    |
| Attorney Docket No.<br>1025-P03655US00 (AAF-02)    |
| U.S. Application No.(If Known)<br><b>10/541636</b> |
| Express Mail Label No.:<br>EL997353555US           |

|  |                                       |  |
|--|---------------------------------------|--|
| Int'l Application No.<br>PCT/GB2003/005706 | Int'l Filing Date<br>31 December 2003 | Priority Date Claimed.<br>31 December 2003 |
|--|---------------------------------------|--|

**TITLE OF INVENTION**  
**VALVE**

Applicant(s) for DO/EO/US  
ROLL, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau with Intern'l Preliminary Examination Report (IPER)
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98 with PCT Intern'l Search Report and IPER
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.
14.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information:

U.S. Application No.

**10/541636**

International Application No.

PCT/GB2003/005706

Docket No.

1025-P03655US00 (AAF-02)

The following fees are submitted:

|                                  |       |
|----------------------------------|-------|
| 21. [X] BASIC NATIONAL FEE ..... | \$300 |
|----------------------------------|-------|

|                         |  |
|-------------------------|--|
| \$300                   |  |
| 22. [X] Examination Fee |  |

|   |       |
|---|-------|
| If international preliminary examination report prepared by USPTO and all claims<br>satisfy provisions of PCT Article 33(1)-(4) ..... | \$100 |
| All other situations .....  | \$200 |

|                    |  |
|--------------------|--|
| 23. [X] Search Fee |  |
|--------------------|--|

|  |       |
|--|-------|
| Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the<br>USPTO as a International Searching Authority. .... | \$100 |
| International Search Report prepared by International Search Authority other than<br>USPTO, but provided to Office by Applicant(s) .....   | \$400 |
| All other situations .....   | \$500 |

|                            |       |
|----------------------------|-------|
| <b>Total of 21, 22, 23</b> | \$900 |
|----------------------------|-------|

|   |  |
|---|--|
| [ ] Additional fee for specification and drawings filed in paper over 100 sheets<br>(excluding sequence listing or computer program filed in an electronic medium). |  |
|---|--|

|              |              |   |     |
|--------------|--------------|---|-----|
| Total Sheets | Extra Sheets | No. of each add'l 50 (round up to whole number) |     |
| -100 =       | /50 =        | x \$250   | \$0 |

|  |     |
|--|-----|
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from<br>the earliest claimed priority date | \$0 |
|--|-----|

| Claims   | Number Filed | Number Extra | Rate    |       |
|--|--------------|--------------|---------|-------|
| Total Claims                                       | 22 -20       | = 2          | 50      | \$100 |
| Independent Claims                                 | 3 -3         | = 0          | 200     | \$0   |
| <b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b> |              |              | + \$360 |       |

|                                    |  |  |         |
|------------------------------------|--|--|---------|
| <b>TOTAL OF ABOVE CALCULATIONS</b> |  |  | \$1,000 |
|------------------------------------|--|--|---------|

|  |  |
|--|--|
| [ ] Applicant claims small entity status. See 37 CFR 1.27. |  |
|--|--|

|   |  |
|---|--|
| The fees indicated above are reduced by 1/2 |  |
|---|--|

|                   |         |
|-------------------|---------|
| <b>SUBTOTAL =</b> | \$1,000 |
|-------------------|---------|

|   |     |
|---|-----|
| Processing fee of \$130.00 for furnishing the English translation later than<br>30 months from the earliest claimed priority date (37 CFR 1.492(f)) | \$0 |
|---|-----|

|                             |         |
|-----------------------------|---------|
| <b>TOTAL NATIONAL FEE =</b> | \$1,000 |
|-----------------------------|---------|

|   |  |
|---|--|
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). |  |
|---|--|

|   |      |
|---|------|
| The<br>assignment must be accompanied by an appropriate cover sheet<br>(37 CFR 3.28, 3.31). \$40 per property | \$40 |
|---|------|

|                              |         |
|------------------------------|---------|
| <b>TOTAL FEES ENCLOSED =</b> | \$1,040 |
|------------------------------|---------|

a. [X] A check in the amount of \$ 1040 to cover the above fees is enclosed

b. [ ] Please surcharge Deposit Account No. 04-1406 in the amount of \$ \_\_\_\_\_ to cover the above fees.

A duplicate copy of this sheet is enclosed.

c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit

any overpayment to Deposit Account No. 04-1406. A duplicate copy of this sheet is enclosed.

SEND ALL CORRESPONDENCE TO: CUSTOMER NUMBER 000110 to the attention of the individual listed below.



Clement A. Berard  
Registration No. 29,613